

REMARKS

The Office Action of March 20, 2008, and the cited art have been carefully considered. The application has been amended to eliminate unnecessary limitations and to correct grammatical and similar errors. Reconsideration of the rejection of the application is respectfully requested based on the amendments and following discussion.

REJECTION 102:

1. Claims 1, 4, 5, 6, 7, 9, and 10-14 were rejected under 35 USC 102(b) as anticipated by Bunk US 5,811,934.

Claims 1, 4, 9, 10, 11 and 14 have been canceled.

Bunk '934 shows a tungsten halogen lamp with an envelope in the form an ellipsoid of revolution. The focal points of the ellipsoid overlap an axially aligned filament. An IR coating is formed on the envelope surface to reflect IR energy back onto the axially centered filament.

Regarding claims 5 and 12, Bunk '934 fails to provide a prima facie case of invalidity under 35 USC 102, since Bunk '934 fails to show, suggest, state or claim a limitation included in applicants' claims. Bunk '934 first fails to teach "... *the section (11) of the lamp vessel (1) which is in the form of a reflector is parabolic, the rotational axis of the paraboloid being arranged on the longitudinal axis (A-A), and the vertex of the paraboloid facing the sealed-off end (2) of the lamp vessel (1). ...*"

The Office Action asserts without reference that Bunk '934 discloses a parabolic reflector. Bunk '934 does not at any point describe the reflector as being parabolic. None of the figures show an obviously parabolic reflector, nor do they indicate a parabolic type reflection with light rays. Since, Bunk's objective is to return IR energy to the filament, the use of a parabolic reflector would reduce or defeat that objective. Bunk '934 therefore specifically specifies an ellipsoidal reflector, and therefore teaches away from a parabolic reflector.

Regarding claims 6 and 13, Bunk '934 fails to provide a prima facie case of invalidity under 35 USC 102, since Bunk '934 fails to show, suggest, state or claim a limitation included in applicants' claims. Bunk '934 first fails to teach "...*a region of the lamp vessel (1') which*

essentially corresponds to a half-shell (11'a) of the ellipsoid is provided with the light-reflecting coating (6')."

Bunk '934 teaches an IR reflective coating over the whole lamp, directing IR energy back to the filament. Bunk '934 does not teach a visible light reflecting coating over only a half-shell portion of the lamp directing light to the scene to be illuminated.

Regarding claim 7, Bunk '934 fails to provide a prima facie case of invalidity under 35 USC 102, since Bunk '934 fails to show, suggest, state or claim a limitation included in applicants' claims. Bunk '934 first fails to teach "*...the half-shell (11'a) of the ellipsoid extends from the sealed-off end (2') of the lamp vessel (1') to the opposite end of the lamp vessel.*"

Bunk '934 teaches an IR reflective coating over the whole lamp, directing IR energy back to the filament. Bunk '934 does not teach the claimed range of the half-shell reflective region.

Bunk '934 shows a tungsten halogen lamp with an envelope in the form an ellipsoid of revolution. The focal points of the ellipsoid overlap an axially aligned filament. An IR coating is formed on the envelope surface to reflect IR energy back onto the axially centered filament.

Withdrawal of the rejection and reconsideration of the rejected claims are therefore respectfully requested.

2. Claims 1, 2 and 4 were rejected under 35 USC 102(b) as anticipated by Bockley US 5,660,462

Claims 1, 2 and 4 have been canceled.

REJECTION 103:

3. Claim 3 was rejected under 35 USC 103 over Bunk '934 in view of Jones US 6,053,623. The Office Action refers to "Bunn." No "Bunn" is cited. "Bunn" is assumed to be Bunk '934.

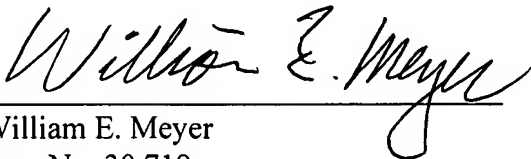
Claim 3 has been canceled.

4. Claim 8 was rejected under 35 USC 103 over Bunk '934 in view of Tschetter US 4,535,269.

Claim 8 has been canceled.

It is believed that a full and complete response to the Office Action has been made, that the Application as amended is patentably distinct over the cited art, and that the case is now in condition to be passed to issue. Reconsideration of the amended application is therefore requested, and an early favorable notice of allowance is courteously solicited.

Respectfully submitted,

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